

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7668312 B2
APPLICATION NO. : 10/552,384
ISSUE DATE : 02/23/10
INVENTOR(S) : **Lecomte , et al.**

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The title page should be deleted to be replaced with the attached title page.

Please insert the attached "Figure" as the sole drawing of the application.



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(12) **United States Patent**
Lecomte et al.

(10) **Patent No.:** **US 7,668,312 B2**
(45) Date of Patent: ***Feb. 23, 2010**

(54) **SCRAMBLING, DESCRAMBLING AND
 SECURE DISTRIBUTION OF AUDIO-VISUAL
 SEQUENCES FROM VIDEO ENCODERS
 BASED ON WAVELET PROCESSING**

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(*) **Notice:** Subject to any disclaimer, the term of this
 patent is extended or adjusted under 35
 U.S.C. 154(b) by 556 days.

This patent is subject to a terminal dis-
 claimer.

(21) **Appl. No.:** **10/552,384**

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H04N 7/167 (2006.01)

H04N 7/10 (2006.01)

G06F 9/00 (2006.01)

(52) **U.S. Cl.** **380/210; 382/100; 382/232;**
725/32

(58) **Field of Classification Search** **None**

See application file for complete search history.

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(57) **ABSTRACT**

A process for secured distribution of video sequences accord-
 ing to a digital stream format stemming from an encoding
 based on a processing by wavelets including frames including
 blocks containing coefficients of wavelets describing the
 visual elements, including analyzing the stream prior to trans-
 mission to client equipment to generate a modified main
 stream by deletion and replacement of selected information
 coding the original stream and having the format of the origi-
 nal stream, and complementary information of any format
 comprising the digital information coding the original stream
 and suitable for permitting reconstruction of the modified
 frames; and transmitting the modified main stream and the
 complementary information separately from a server to
 addressed equipment.

64 Claims, 23 Drawings

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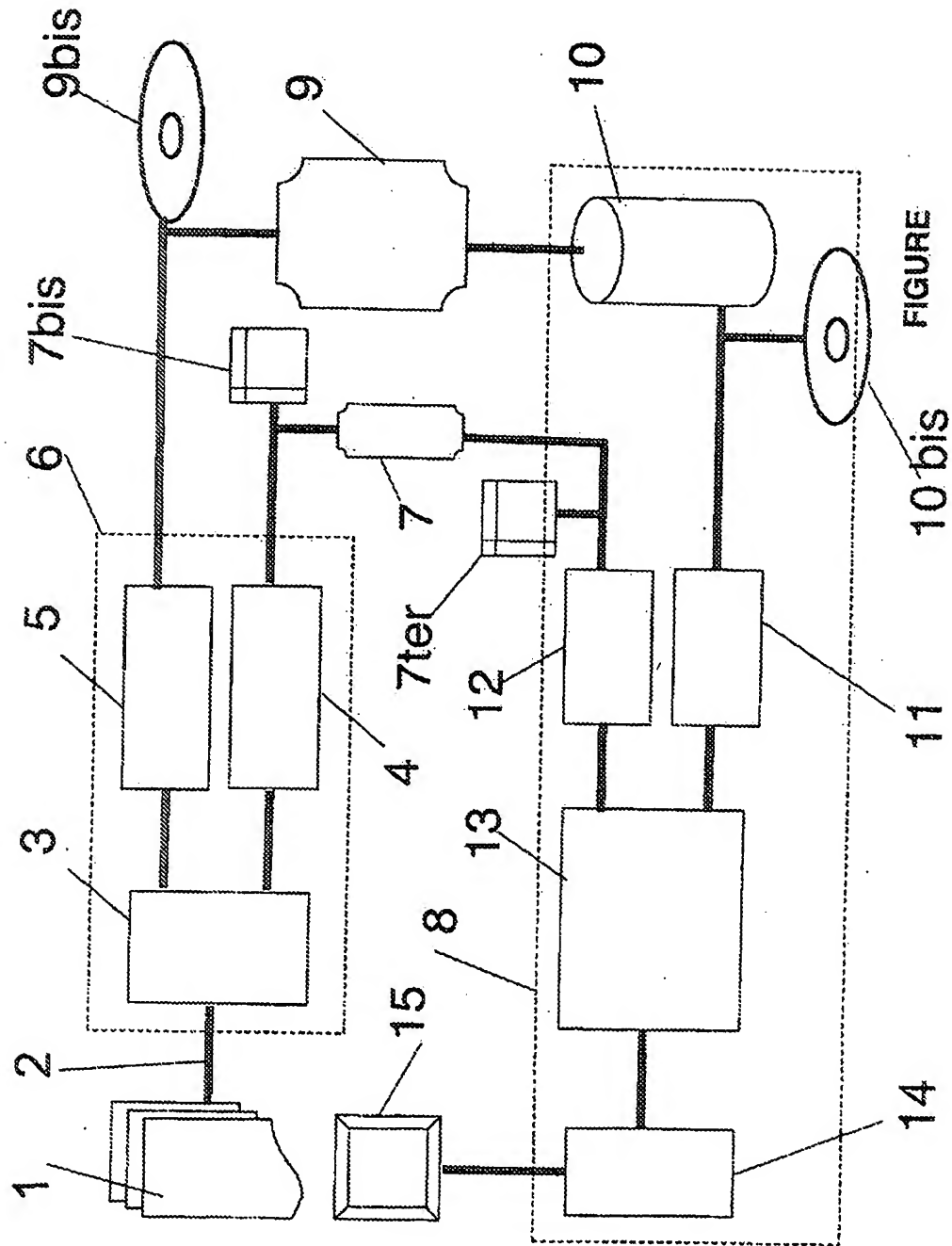


FIGURE 10bis